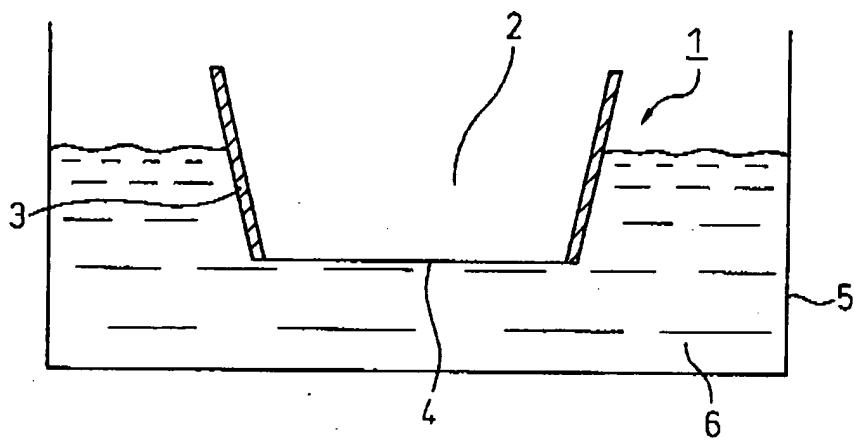


Fig. 1



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Fig. 2

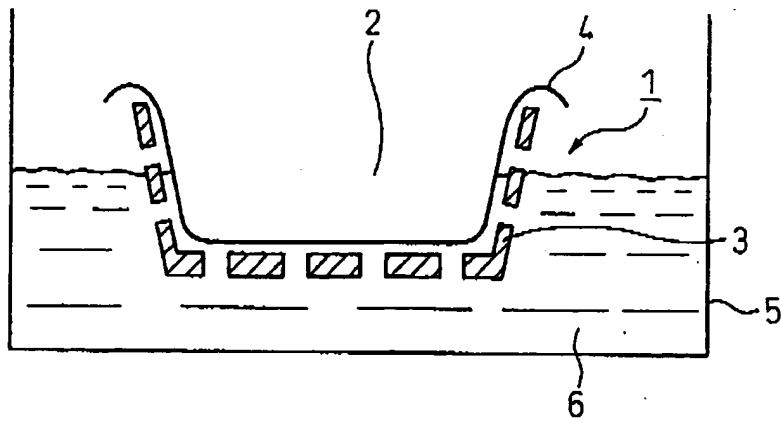


Fig. 3

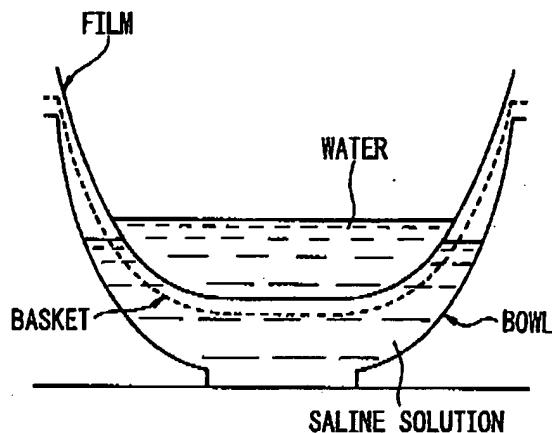


Fig. 4

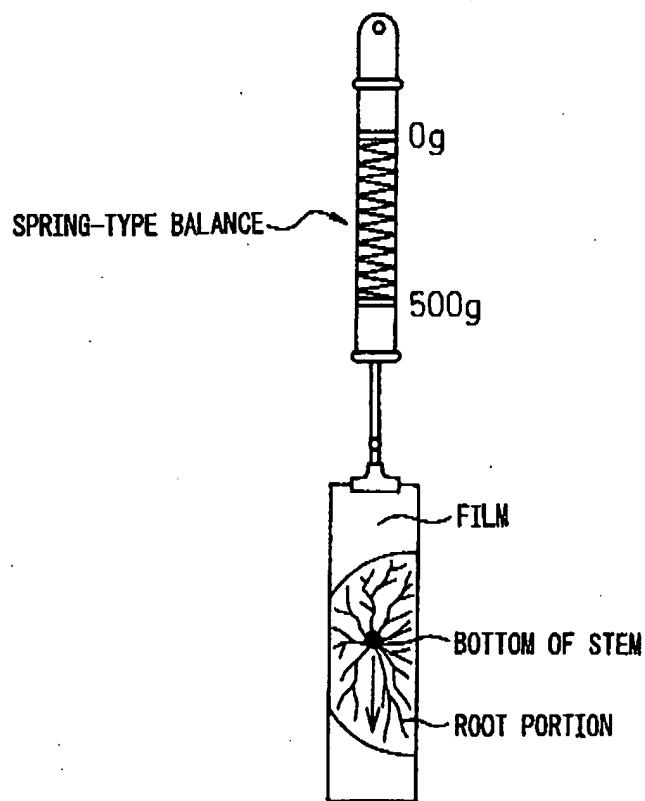


Fig. 5

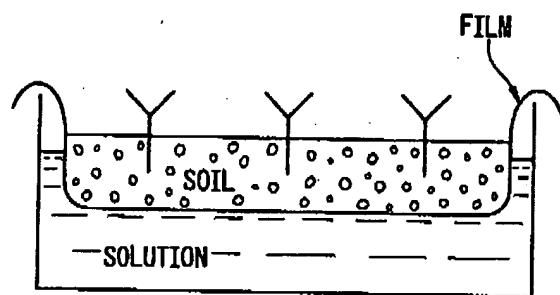


Fig. 6

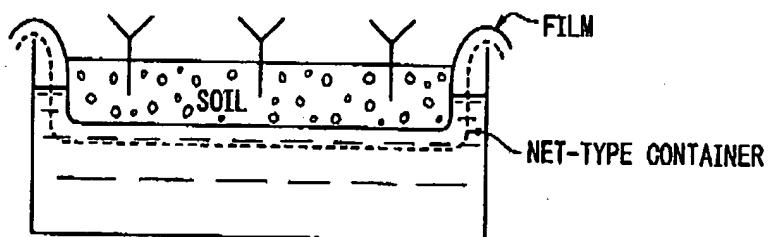


Fig. 7

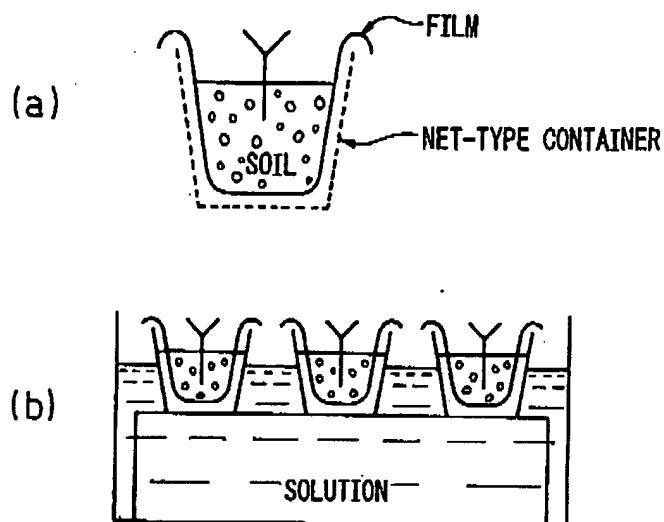


Fig. 8

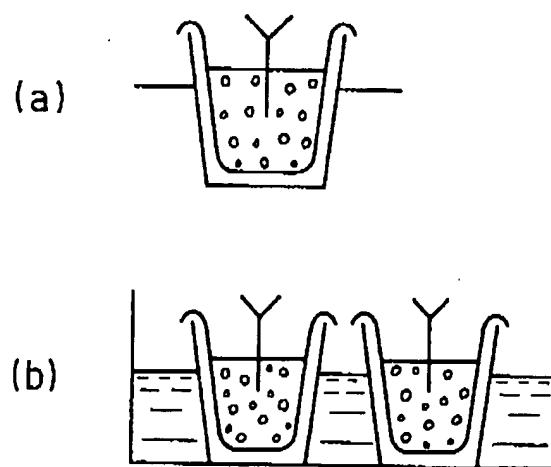


Fig.9

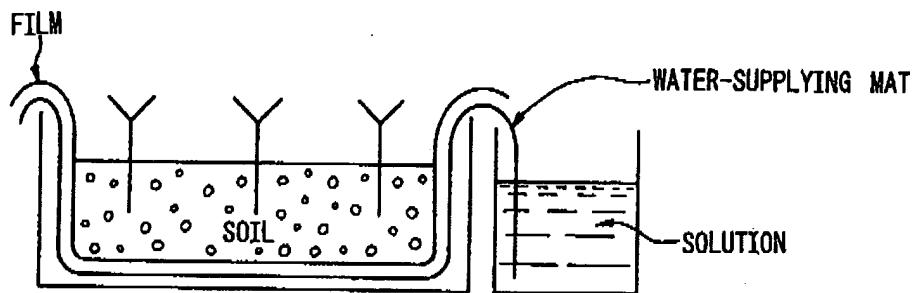


Fig.10

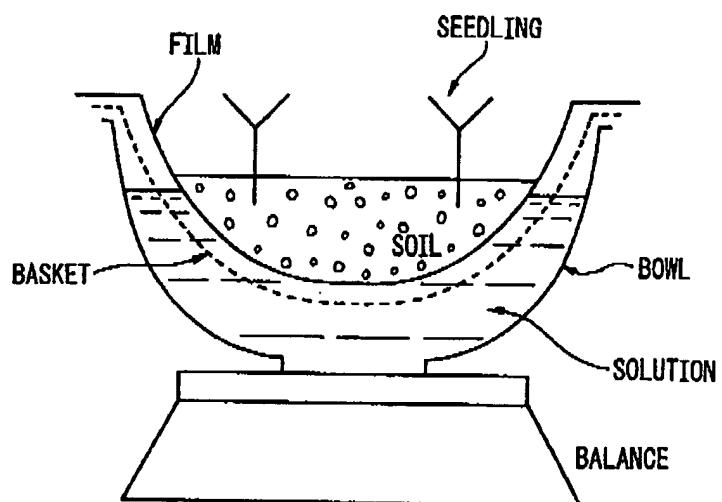


Fig. 11

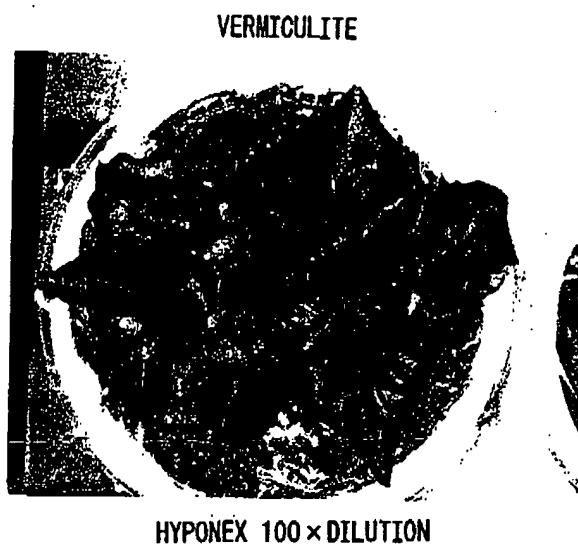


Fig. 12



HYPONEX 1000 X DILUTION

10/542392

Sheet 7 of 42

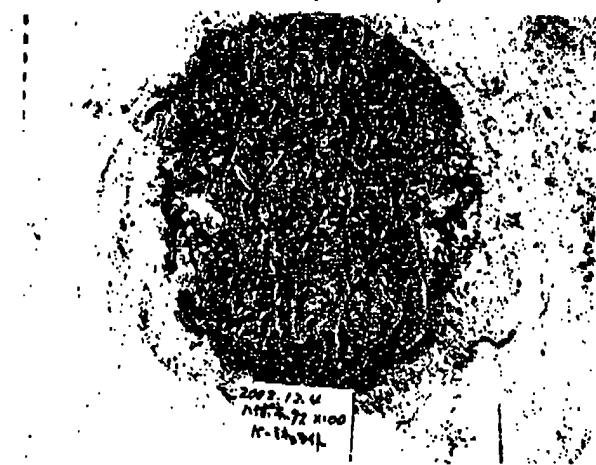
Fig.13



WATER

Fig.14

VERMICULITE (BACK SIDE)



HYPONEX 100 X DILUTION

10/542392

Sheet 8 of 42

Fig.15



HYPONEX 1000× DILUTION

Fig.16



WATER

Fig. 17

TEST PIECE

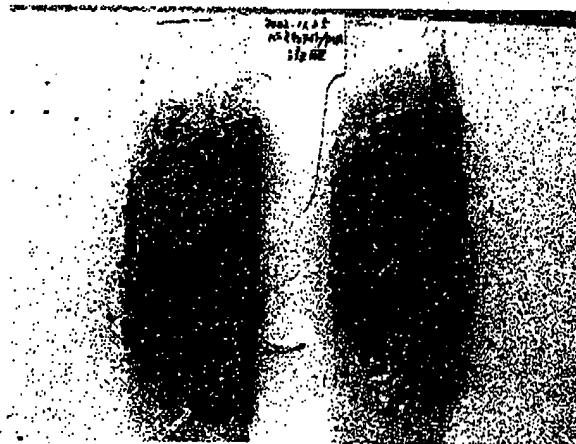


Fig.18

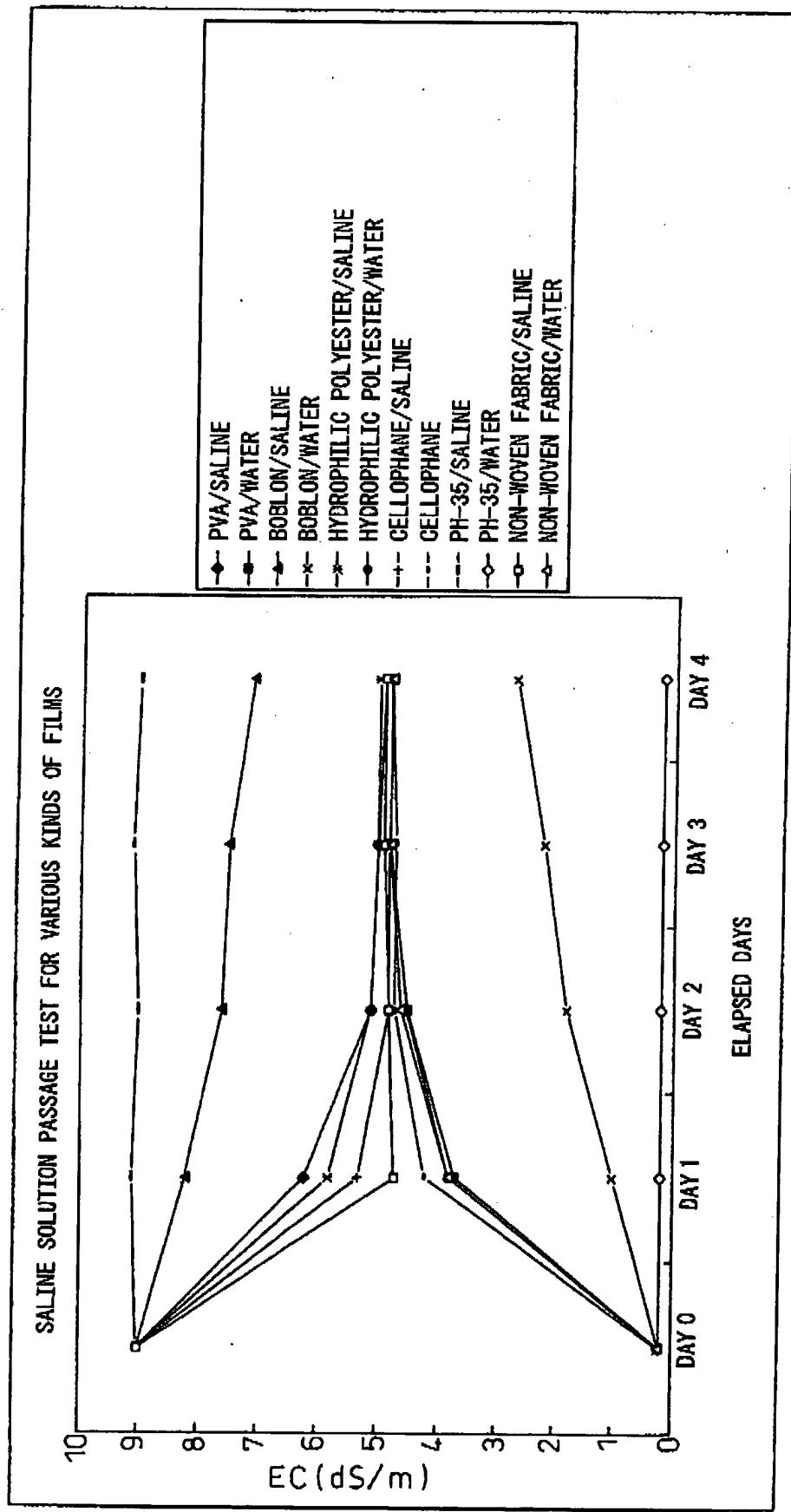


Fig. 19

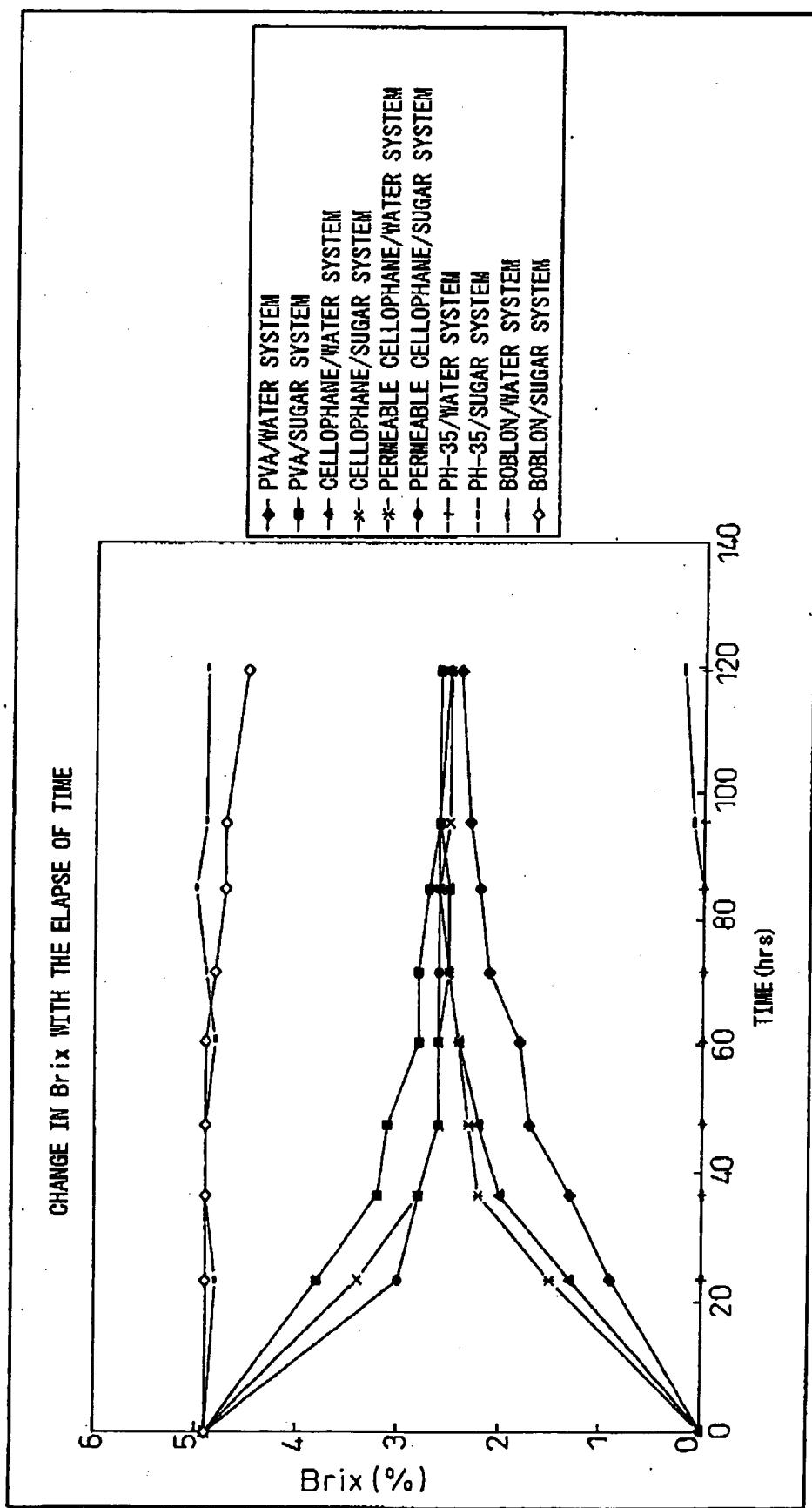


Fig.20

NON-WOVEN FABRIC (BACK SIDE)



Fig.21

NON-WOVEN FABRIC (SURFACE SIDE)



10/542392

Sheet 13 of 42

Fig. 22

PVA (BACK SIDE)

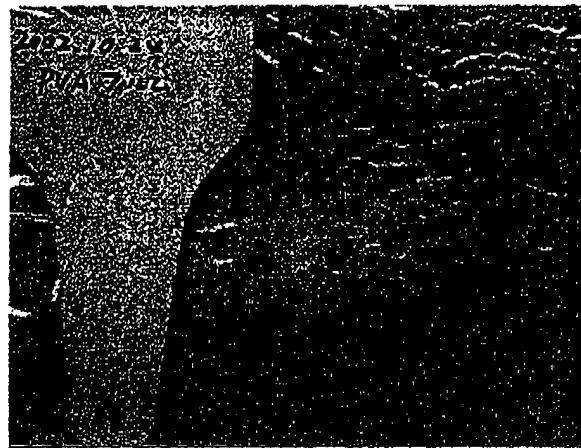


Fig. 23

TIME OF PLANTING



EC:1.37 pH:7.2

10/15/2023

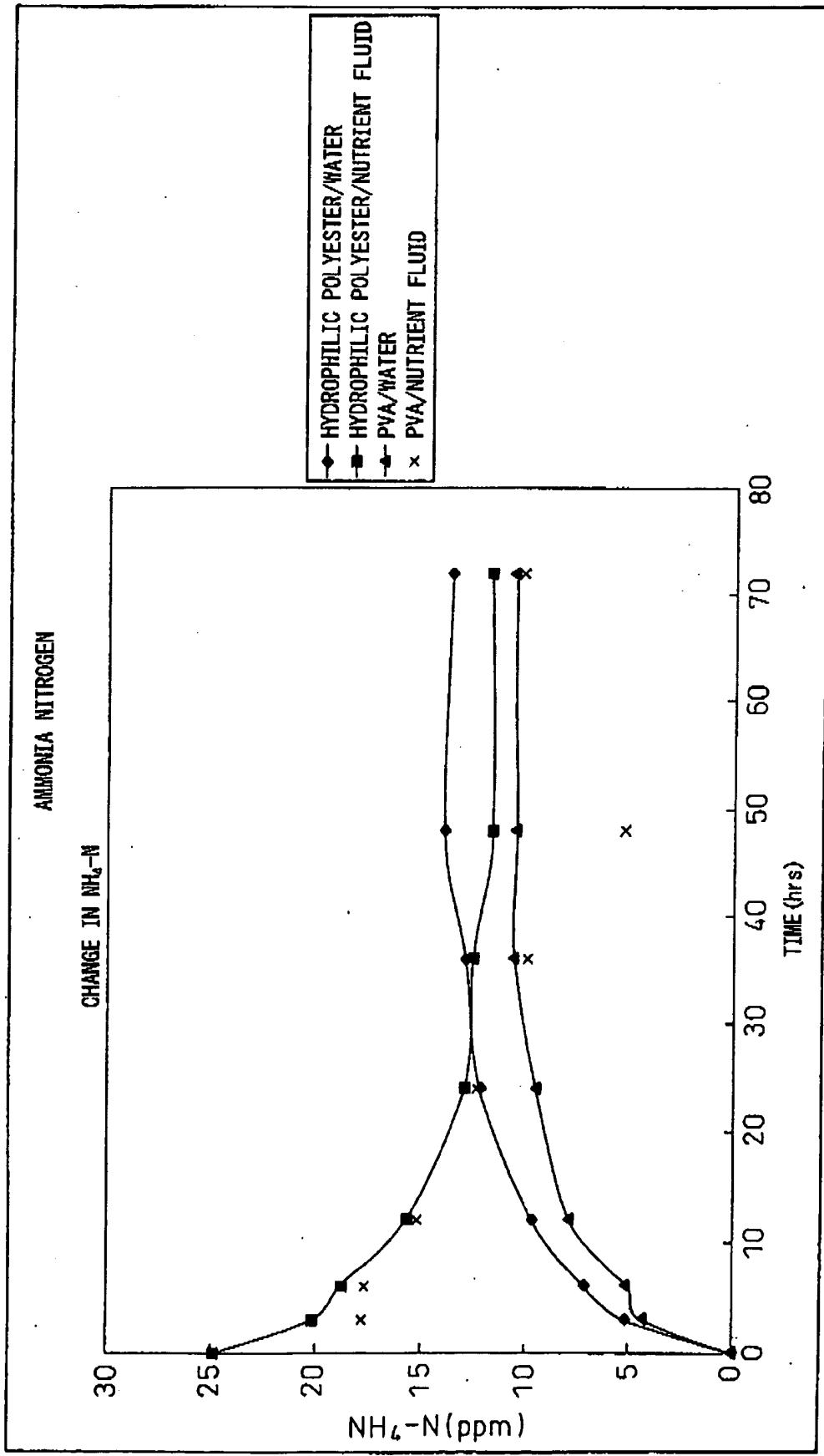
Fig.24

43 DAYS AFTER PLANTING



EC:0.99 pH:4.2

Fig. 25



10/542392

Fig. 26

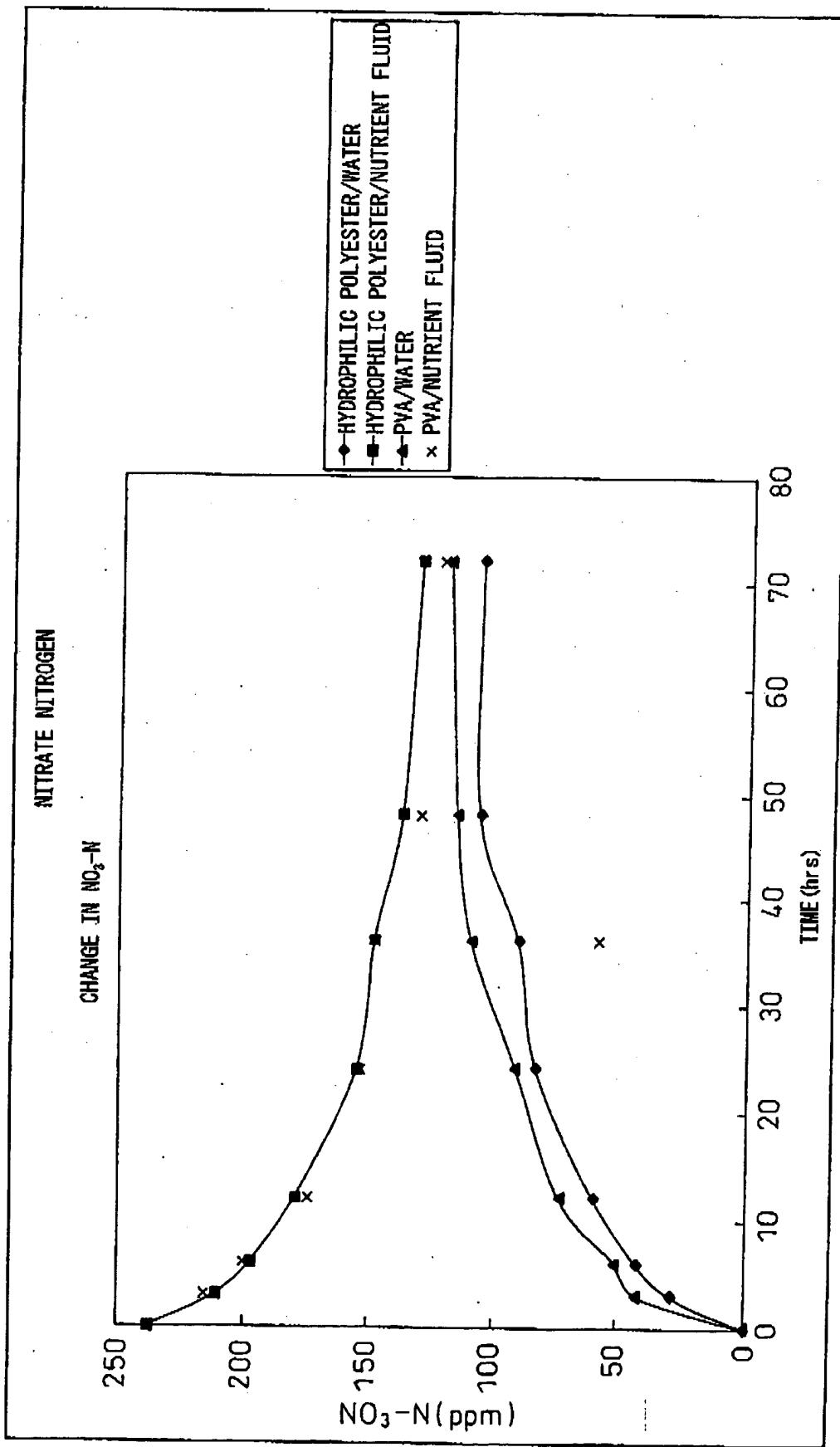


Fig. 27

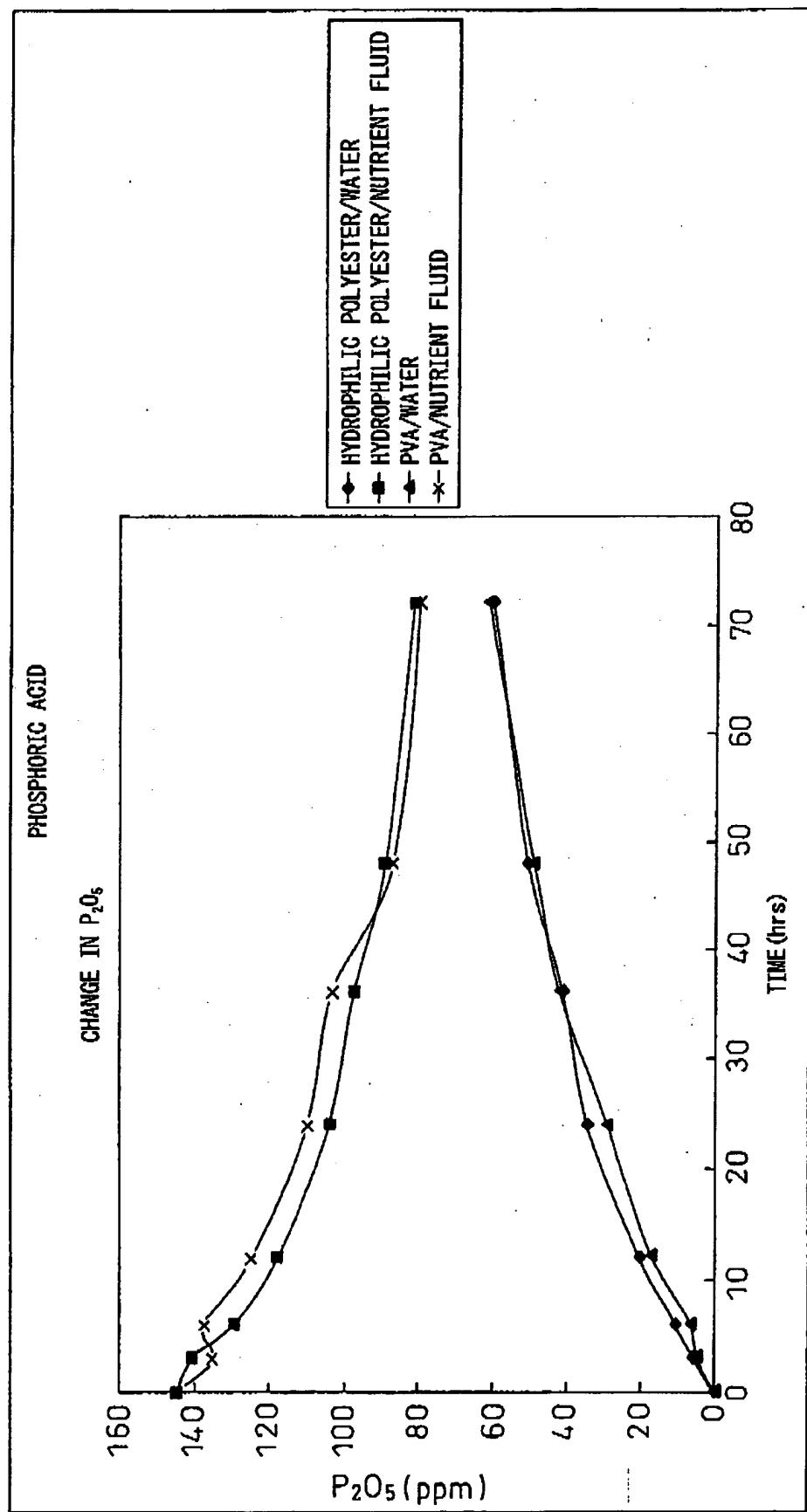


Fig. 28

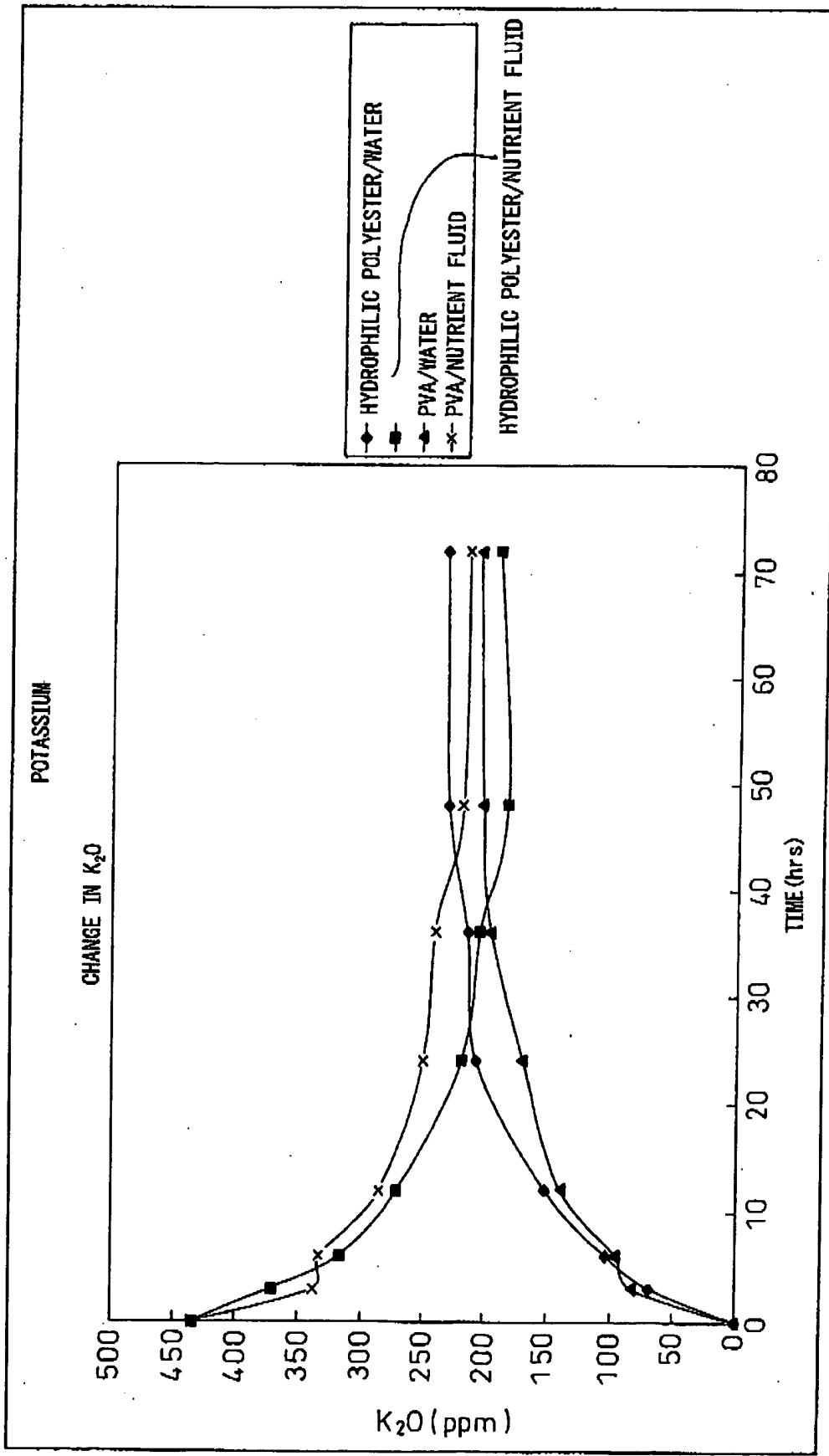


Fig. 29

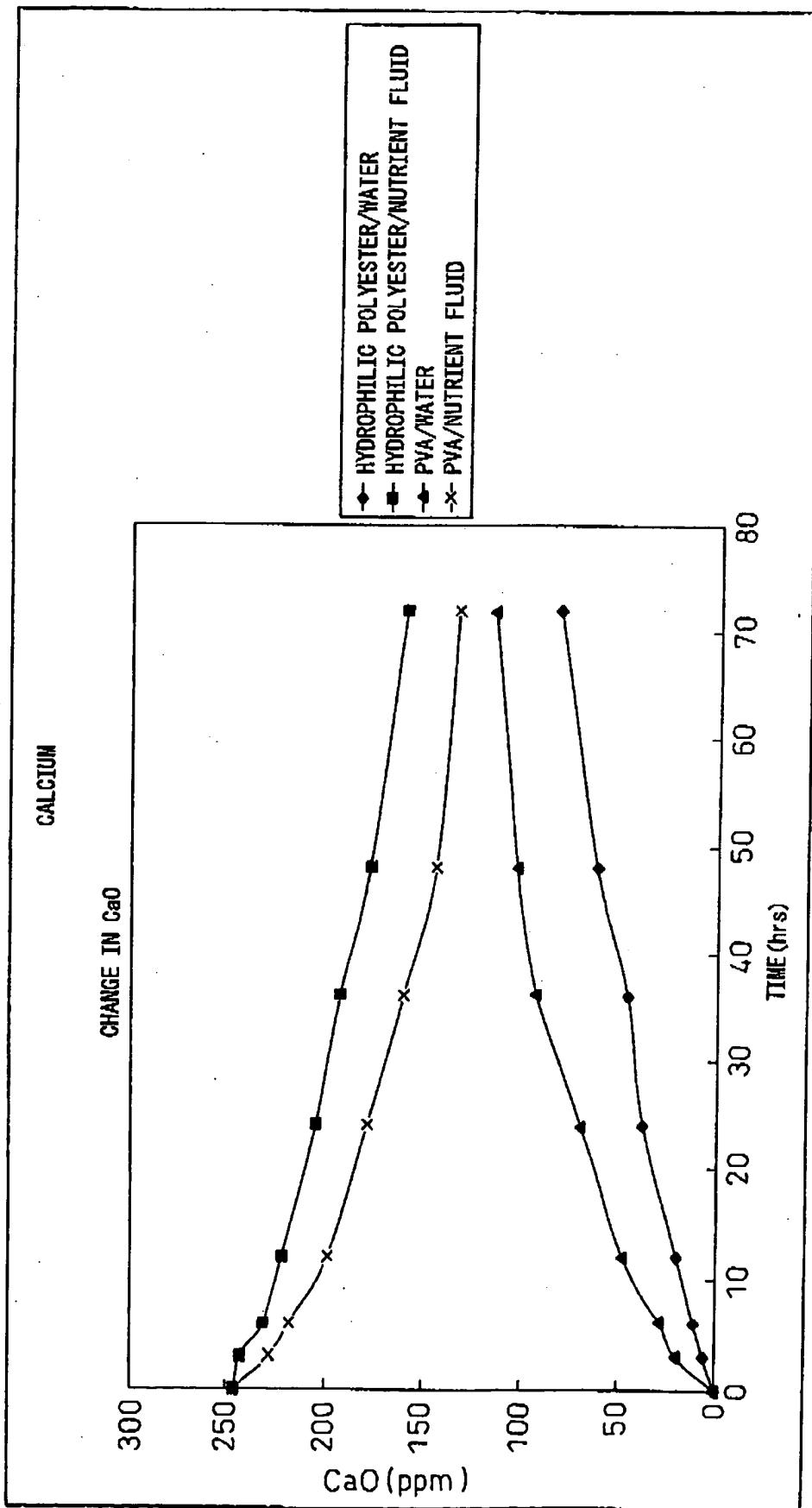


Fig. 30

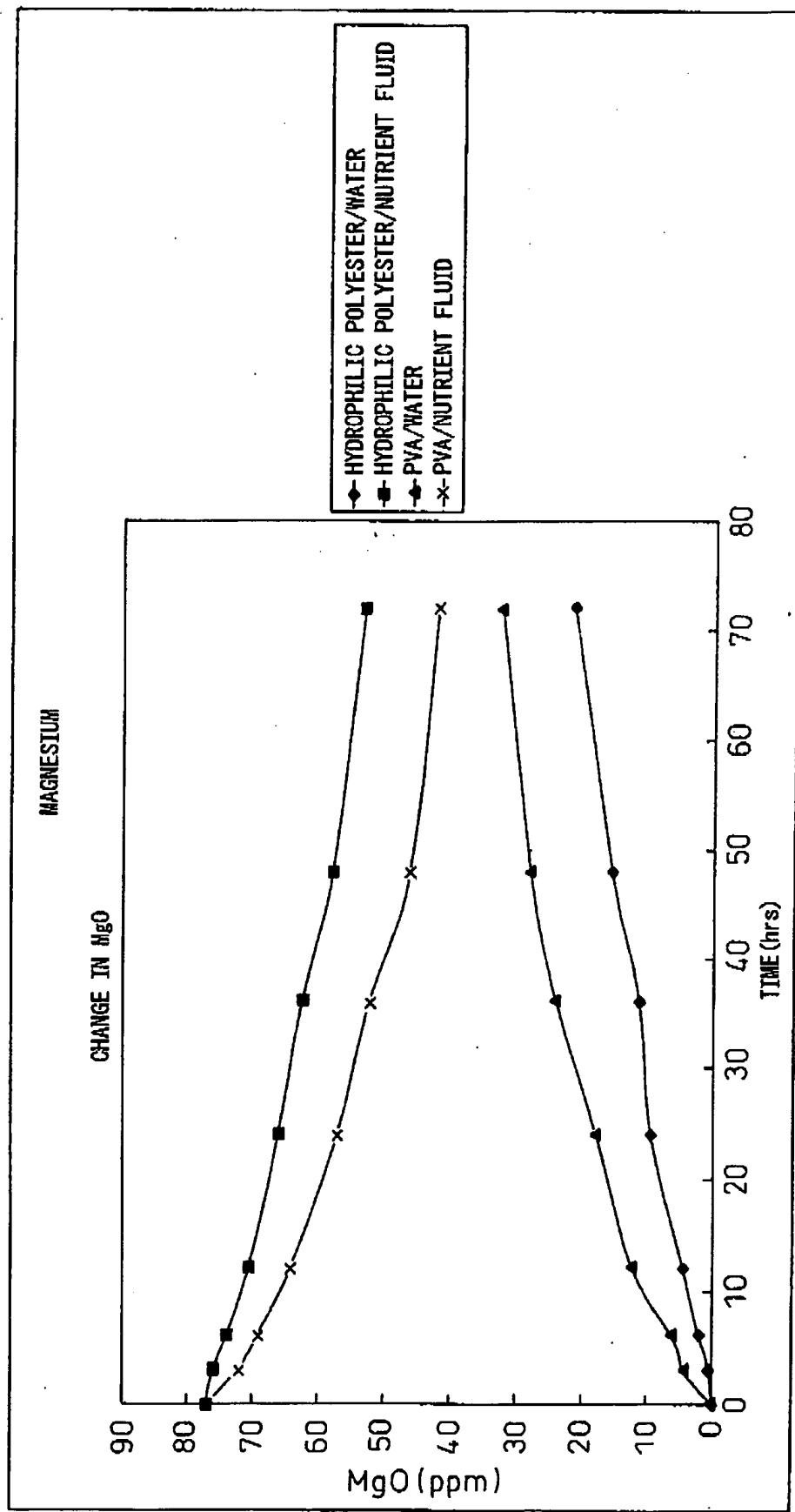


Fig. 31

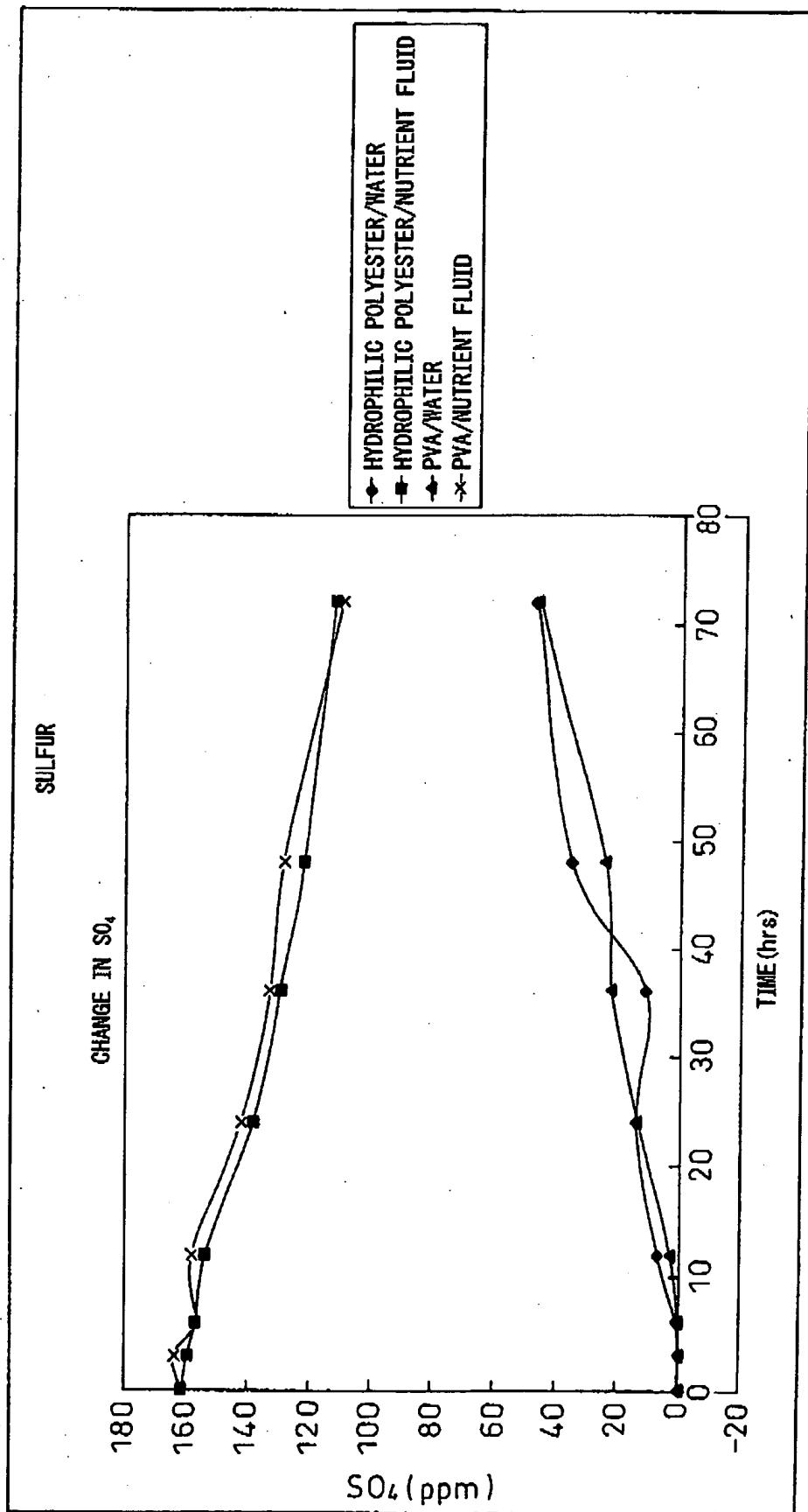


Fig. 32

MAY 9 (TIME OF PLANTING)

(a) PH-35



(b) PVA



10/542392

Sheet 23 of 42

Fig. 33

JUNE 4 (END OF CULTIVATION)

(a) PH-35



(b) PVA

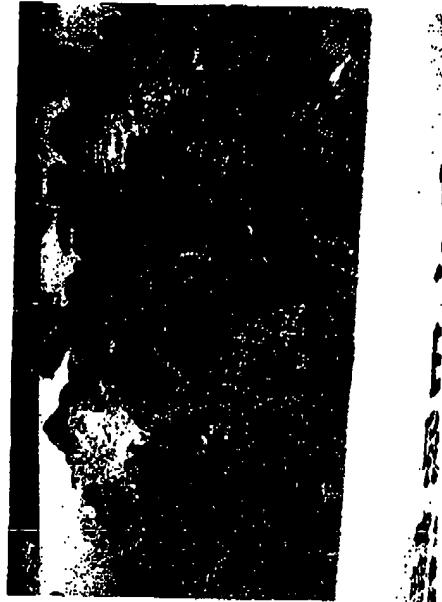
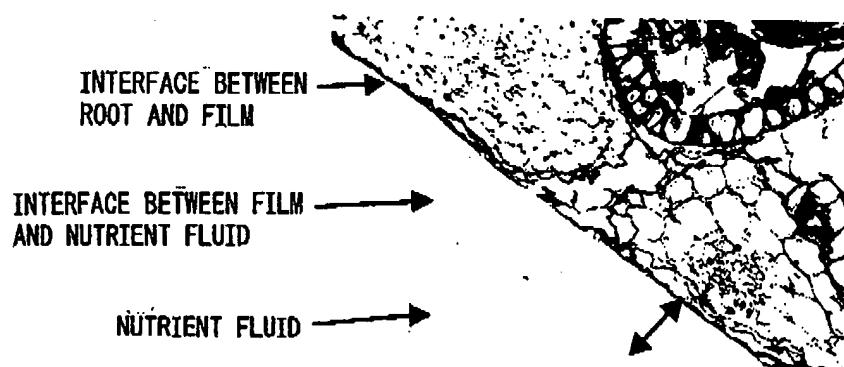


Fig. 34

PVA FILM THICKNESS: 40  $\mu$



10/1542392

Sheet 25 of 42

Fig. 35

DEC. 28 (TIME OF PLANTING)

(a) UNDER HEATING



(b) WITHOUT HEATING



Fig. 36

FEB. 15 (END OF CULTIVATION)

(a) UNDER HEATING



(b) WITHOUT HEATING



Fig. 37

JUNE 23 (TIME OF PLANTING)

(a) UNDER COOLING



(b) WITHOUT COOLING



Fig. 38

JULY 31

(a) UNDER COOLING



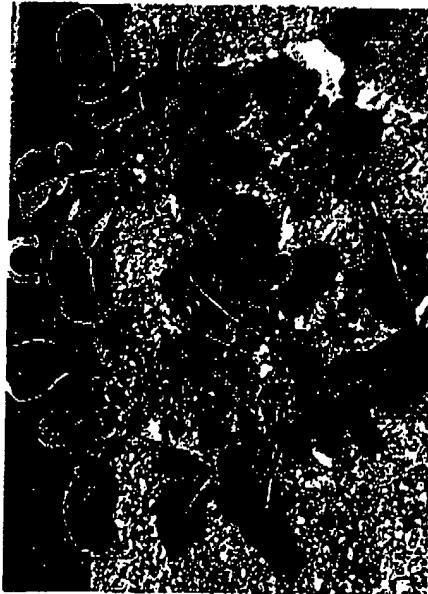
(b) WITHOUT COOLING



Fig. 39

JUNE 14 (END OF CULTIVATION)

(a) RUCOLA (WITH MULCHING-FLM)



(b) RUCOLA (WITHOUT MULCHING-FLM)



10/542392

Sheet 30 of 42

Fig. 40

JUNE 14 (END OF CULTIVATION)

(a) SUNNY LETTUCE (WITH MULCHING-FILM)



(b) SUNNY LETTUCE (WITHOUT MULCHING-FILM)



Fig. 41

CULTIVATION OF MINI-TOMATO  
(AFTER 39 DAYS)

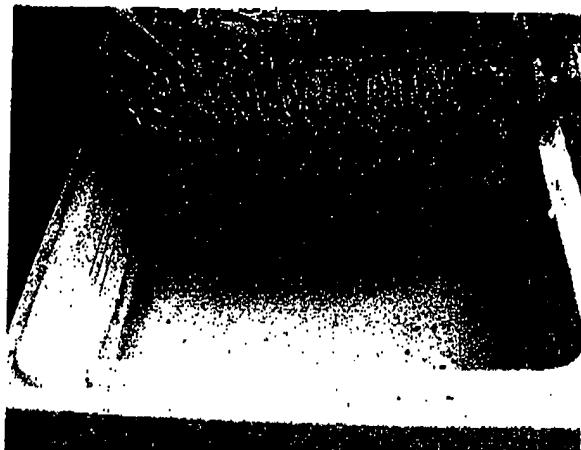
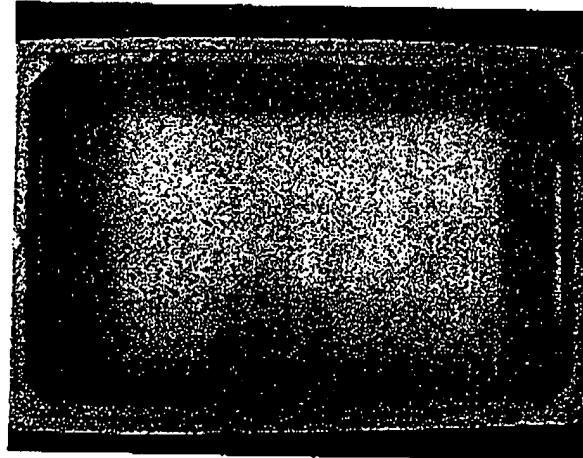


Fig. 42

RUCOLA, LETTUCE (AFTER 20 DAYS)



10/542392

Sheet 32 of 42

Fig.43

SPINACH (AFTER 43 DAYS CULTIVATION)



Fig. 44

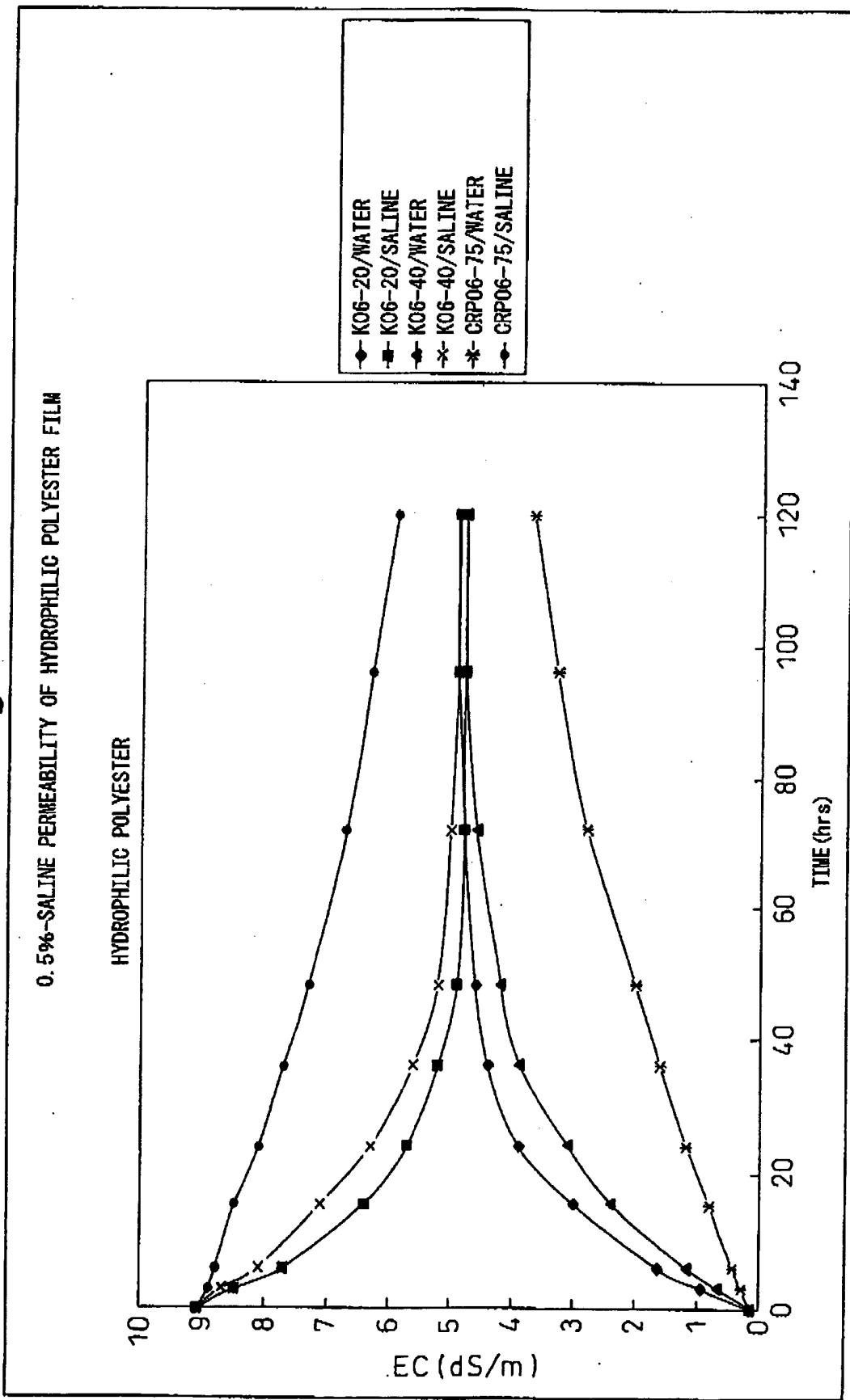


Fig.45

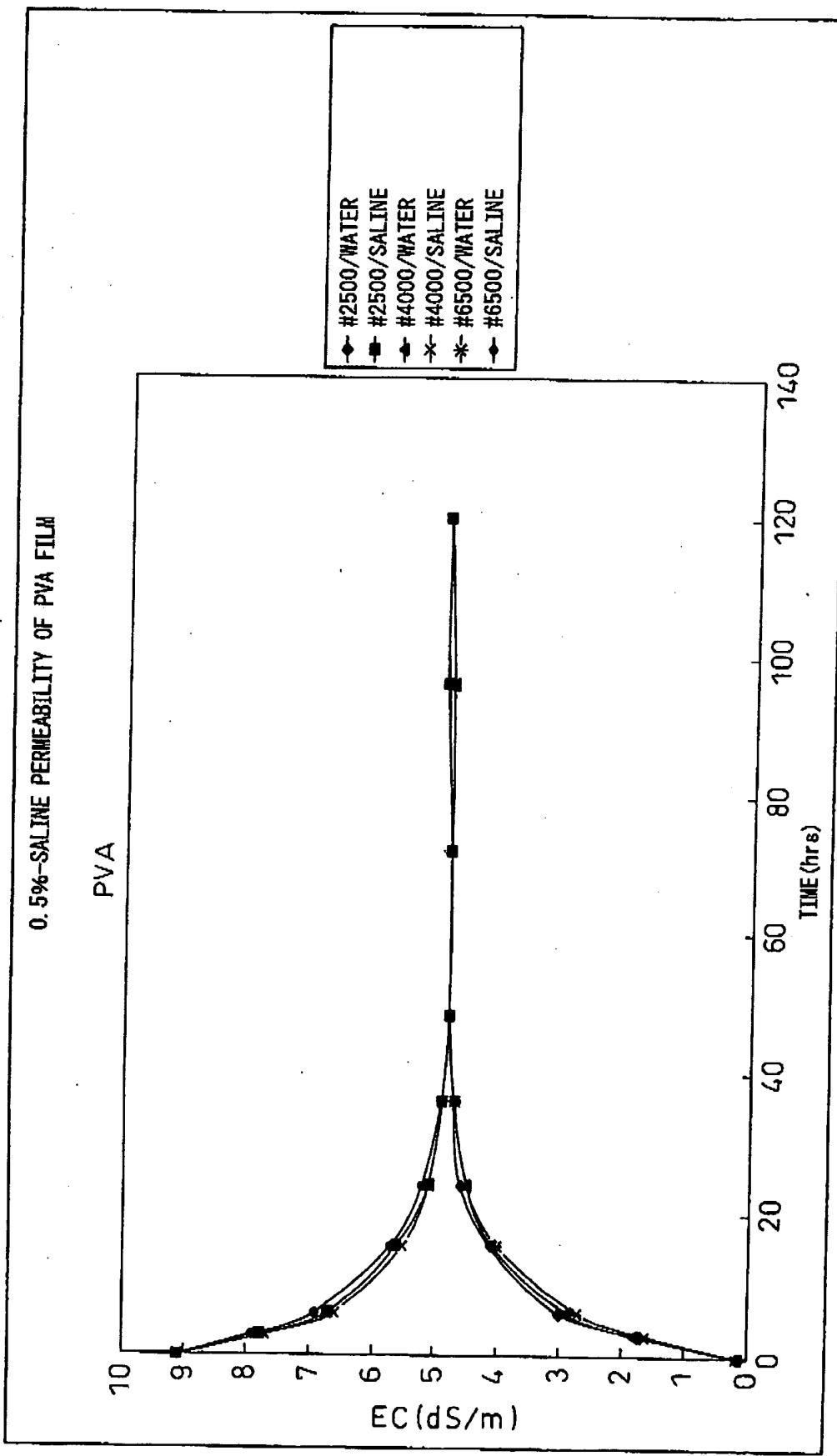


Fig.46

No. 1 PVA FILM ALONE (RUCOLA)



Fig.47

No. 2 SUPERPOSITION OF PVA FILM AND SHOJI PAPER (BROCCOLI)

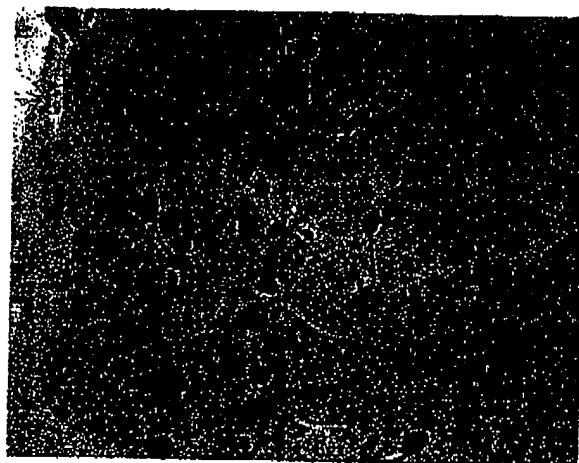
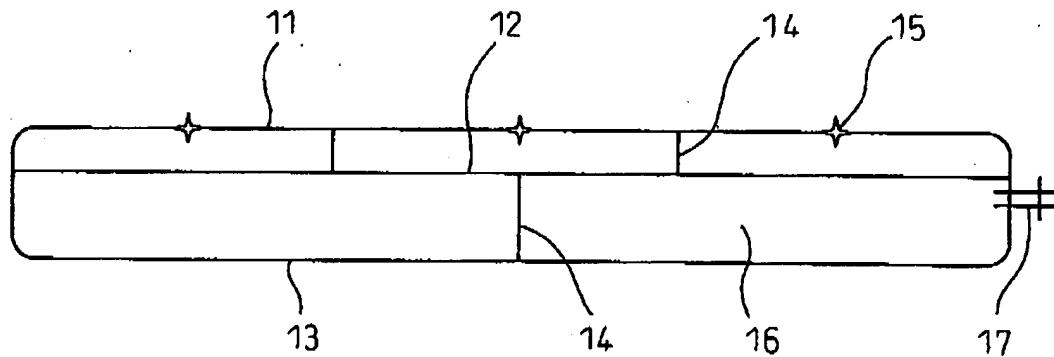


Fig. 48



10/542392

Sheet 37 of 42

Fig. 49



(b) DEC. 30 (23 DAYS)



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Fig. 50

(a) SEP. 11 (FOUR DAYS AFTER PLANTING)



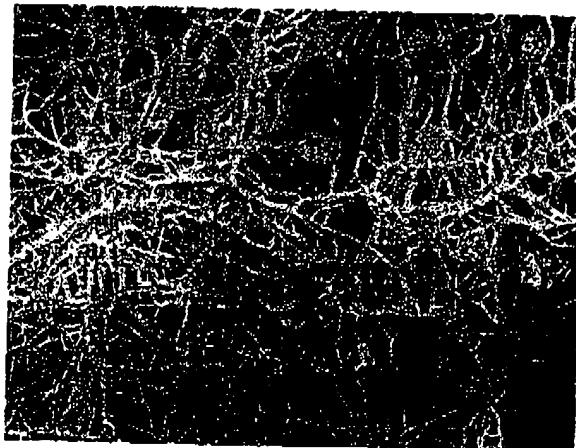
(b) NOV. 15



10/542392

Fig.51

ROOTS VIEWED FROM BACK SIDE OF CELL TRAY



101542392

Sheet 40 of 42

Fig. 52

(a) JULY 18

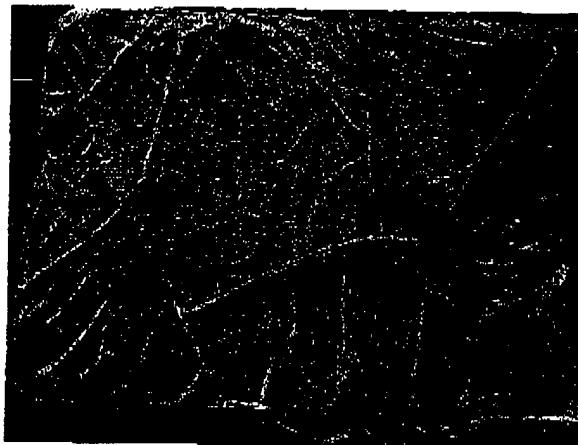


(b) AUG. 23



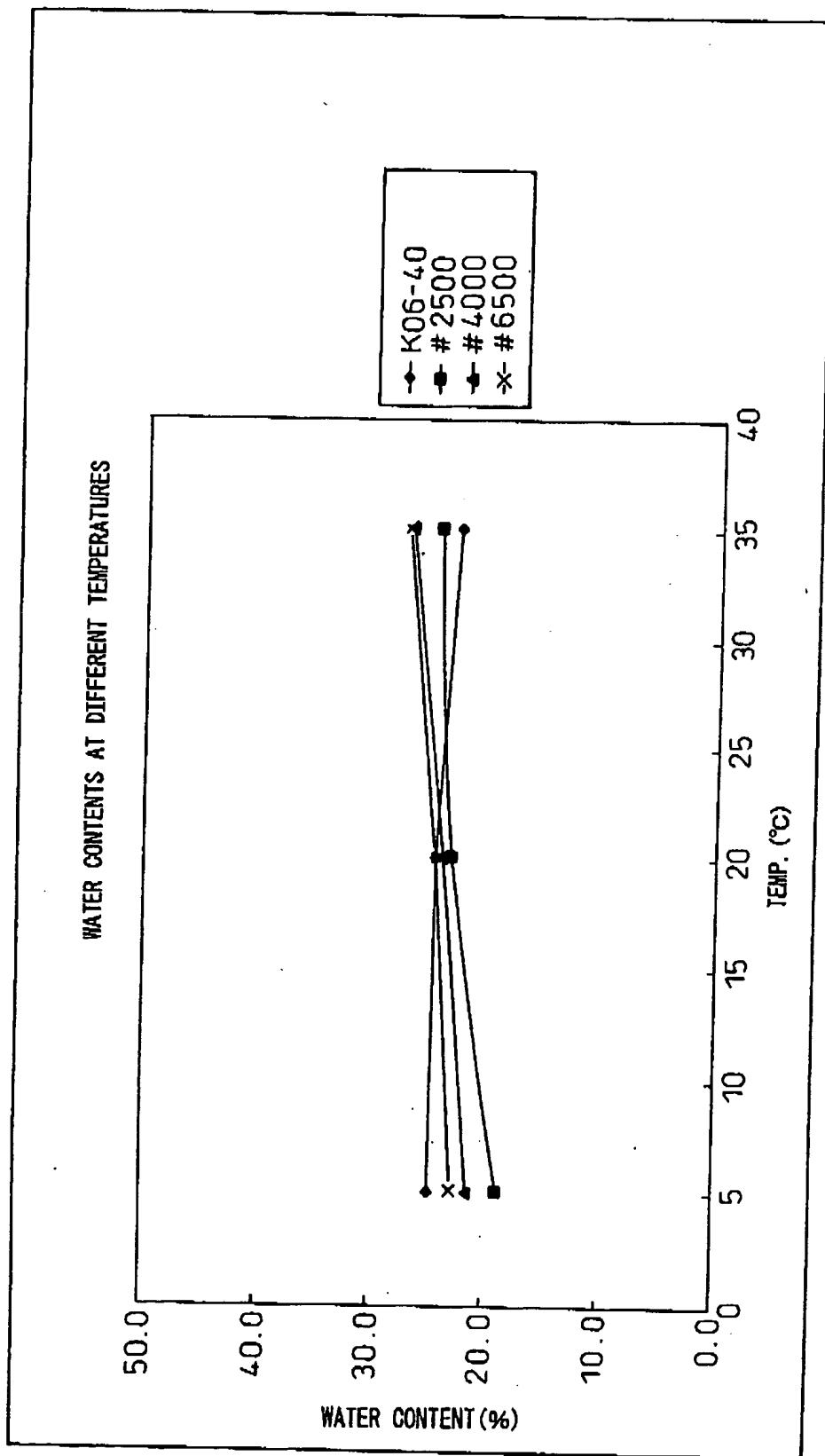
Fig. 53

ROOTS VIEWED FROM BACK SIDE OF URETHANE FOAM



10/15/22 02

Fig. 54



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